

**Course Outline:**

<b>Topic</b>	<b>Text Reference</b>	<b>Approximate Dates</b>
Introduction		Jan 17
Descriptive Statistics--Describing Distributions	1.1, 1.2	Jan 19,22,24
Brief Probability Overview Normal Distributions	1.3	Jan 26,29
Descriptive Statistics with Excel	Handout/Web	Jan 31
Estimation, Confidence Intervals, Tests of Significance (for one mean using z), Alpha, Beta, & Power	6.1, 6.2, 6.3, 6.4	Feb 2,5,7,9, 12,14
Review Session		Feb 16
<b>Mid-Term 1</b>		Feb 19
Confidence Intervals and Hypothesis Tests for one mean using t		Feb 21,23
Confidence Intervals and Hypothesis Tests for 2 means using t/ <b>Written Assn. 2 Handed out in class</b>	7.2 (Omit pooled 2-sample procedure)	March 2,5
Inferential Statistics with Excel	Handout/Web	March 7,19
Guest Lecture (Sumit Singh, Dell Inc.)		March 21
Review		March 23
<b>Mid-Term 2</b>		March 26
Least Square Regression/Correlation (Descriptive)	2.1, 2.2, 2.3	March 28,30
Inference for Simple Regression & Correlation (using Excel & referencing other software output)	10.1, 10.3	April 2,4,6

Multiple Regression--Inference & Model Building (using Excel & referencing other software output)	11.1, 11.2, 11.3	April 9,11,13,16,18
Guest Lecture (Holt Vaughn, HealthCheckUSA)		April 20
<b>Mini-Project Presentations</b>		April 23,25,27,30
Review		May 2
<b>Final Exam</b>		May 4 (in class)